

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please AMEND claims 4-11, 13, 16, 17, 22-24, 26, 27, 30, and 31, and ADD claim 32 in accordance with the following:

1-3. (CANCELLED)

4. (CURRENTLY AMENDED) A ~~computer monitor~~display apparatus capable of showing a display, comprising:

an interface communicating with a smart card containing personal identification information;

a detector detecting a signal through the interface determining insertion of the smart card into the ~~computer monitor~~display apparatus; and

a controller reading the personal identification information via the interface from the smart card, and controlling turning ~~a~~the display of the ~~computer monitor~~display apparatus on or off, when the insertion of the smart card is detected.

5. (CURRENTLY AMENDED) The ~~computer monitor~~display apparatus according to claim 4, wherein the controller further comprises:

a smart card controller, and
a display microcomputer.

6. (CURRENTLY AMENDED) The ~~computer monitor~~display apparatus according to claim 5, wherein the smart card controller provides clock signals to the smart card via a connection terminal, and the smart card controller resets signals sent to, and signals output from, the smart card via a reset terminal.

7. (CURRENTLY AMENDED) The ~~computer monitor~~display apparatus of claim 4,

wherein the controller registers personal identification information stored in the smart card or deletes the registered personal identification information.

8. (CURRENTLY AMENDED) The ~~computer monitor~~display apparatus of claim 7, further comprising a storage unit storing the personal identification information from the smart card during the registering.

9. (CURRENTLY AMENDED) The ~~computer monitor~~display apparatus of claim 8, wherein during the deleting, the personal identification information is deleted from the storage unit of the display apparatus.

10. (CURRENTLY AMENDED) The ~~computer monitor~~display apparatus of claim 4, wherein the controller turns the display of the ~~computer monitor~~display apparatus off when the detector does not recognize the presence of the smart card, after a predetermined time.

11. (CURRENTLY AMENDED) A method of turning a display of a ~~computer monitor~~display apparatus on or off, the ~~computer monitor~~display apparatus connected to a system, the method comprising:

 checking an insertion of a smart card into the ~~computer monitor~~display apparatus;

 turning the display of the ~~computer monitor~~display apparatus off when the smart card is not inserted into the ~~computer monitor~~display apparatus, after a predetermined time;

 reading personal identification information from the smart card when the smart card is inserted into the ~~computer monitor~~display apparatus;

 turning the display shown on the ~~computer monitor~~display apparatus on if the personal identification information correlates to an authenticated user; and

 turning the display shown on the ~~computer monitor~~display apparatus off if the personal identification information does not correlate to the authenticated user.

12. (ORIGINAL) The method according to claim 11, further comprising supplying power to the smart card prior to reading information therefrom, when the presence of the smart card is detected.

13. (CURRENTLY AMENDED) The method of claim 11, wherein whether the personal identification information correlates to the authenticated user is determined by checking

whether information stored in a storage unit of the ~~computer monitor~~display apparatus is the same as the personal identification information stored in the smart card.

14. (PREVIOUSLY PRESENTED) The method of claim 11, further comprising a registering, the registering comprising:

reading of the personal identification information from the smart card, and

storing information in the storage unit for the authentication of the personal identification information.

15. (ORIGINAL) The method of claim 14, further comprising:

deleting stored personal identification information from the storage unit.

16. (CURRENTLY AMENDED) A method of turning a display of a ~~computer monitor~~display apparatus on or off, the ~~computer monitor~~display apparatus connected to a system, comprising:

registering information stored in a smart card to a storage unit of the ~~computer monitor~~display apparatus;

checking the insertion of the smart card into the ~~computer monitor~~display apparatus through a smart card interface on the ~~computer monitor~~display apparatus; and

turning the display of the ~~computer monitor~~display apparatus on when the insertion of the smart card is detected and information stored in the smart card is the same as information stored in the storage unit.

17. (CURRENTLY AMENDED) The method of claim 16, further comprising deleting the information from the storage unit of the ~~computer monitor~~display apparatus.

18. (ORIGINAL) A monitor connected to a system, comprising:

an interface allowing a signal to be input to, and output from, a smart card containing personal identification information;

a detector detecting a signal output through the interface, and determining if the smart card is inserted into, or removed, from the monitor; and

a controller implementing an on-screen display (OSD) region on a screen of the monitor, displaying into the OSD region registration and deletion buttons of the personal identification information and an authentication result from checking the personal identification information,

and turning the display of the monitor on or off based on the authentication result, when the detector determines the insertion of the smart card.

19. (ORIGINAL) The monitor of claim 18, further comprising a storage unit storing the personal identification information read from the smart card during a registering by the controller.

20. (ORIGINAL) The monitor of claim 19, wherein the personal identification information is deleted from the storage unit during a deleting by the controller.

21. (ORIGINAL) The monitor of claim 18, wherein the controller turns off the display of the monitor when the detector transmits to the controller a signal indicating that the smart card is removed from the monitor.

22. (CURRENTLY AMENDED) A method of managing information, comprising:
detecting insertion of a smart card in a circuit, the circuit being part of a computer
~~monitor~~display apparatus that is capable of showing an on-screen display on a screen of the
~~computer~~monitordisplay apparatus;

supplying power to the detected smart card through the circuit;
reading information from the smart card;
comparing the read information with information stored in a storage unit; and
deleting the information in the storage unit if the information is substantially the same as
the read information.

23. (CURRENTLY AMENDED) A method of managing information, comprising:
detecting an insertion of a smart card in a circuit, the circuit being part of a computer
~~monitor~~display apparatus that is capable of showing an on-screen display on a screen of the
~~computer~~monitordisplay apparatus;
supplying power to the detected smart card through the circuit;
reading information from the smart card; and
registering the information, wherein the registering is automatically performed by a circuit
or manually performed by a user.

24. (CURRENTLY AMENDED) A security apparatus, comprising:
an interface circuit interfacing with a smart card, the interface circuit including a plurality

of connection terminals;

a detector circuit detecting the smart card;

a power supplier circuit supplying power to the smart card;

a smart card controller providing signals to the smart card, and reading information from the smart card, through the plurality of connection terminals; and

a ~~computer monitor~~display apparatus capable of showing an on-screen display on a screen of the ~~computer monitor~~display apparatus, the ~~computer monitor~~display apparatus comprising a microcomputer receiving an insertion signal from the detector circuit; and

a storage device storing the read information.

25. (PREVIOUSLY PRESENTED) The security apparatus according to claim 24, wherein the signals include an input signal, an output signal, a clock signal and a reset signal.

26. (CURRENTLY AMENDED) A computer-readable medium encoded with processing instructions implementing a method of turning a display of a ~~computer monitor~~display apparatus on or off, the method comprising:

checking an insertion of a smart card into the ~~computer monitor~~display apparatus;

turning the display of the ~~computer monitor~~display apparatus off when the smart card is not inserted into the ~~computer monitor~~display apparatus, after a predetermined time;

reading personal identification information from the smart card when the smart card is inserted into the ~~computer monitor~~display apparatus;

turning the display shown on the ~~computer monitor~~display apparatus on if the personal identification information correlates to an authenticated user; and

turning the display shown on the ~~computer monitor~~display apparatus off if the personal identification information does not correlate to the authenticated user.

27. (CURRENTLY AMENDED) The computer-readable medium according to claim 26, wherein whether the personal identification information relates to the authenticated user is determined by checking whether information stored in a storage unit of the ~~computer monitor~~display apparatus is substantially the same as the personal identification information stored in the smart card.

28. (ORIGINAL) The computer-readable medium according to claim 26, the method further comprising a registering, the registering comprising:

reading of personal identification information from the smart card and, and
storing information in the storage unit for the authentication of personal identification
information.

29. (ORIGINAL) The computer-readable medium according to claim 26, further
comprising deleting stored personal identification information from the storage unit.

30. (CURRENTLY AMENDED) A computer-readable medium encoded with
processing instructions implementing a method of turning a display of a ~~computer monitor display~~
apparatus on or off, the method comprising:

registering information stored in a smart card to a storage unit of the ~~computer~~
monitor display apparatus;

checking the insertion of the smart card into the ~~computer monitor display~~
apparatus through a smart card interface in the ~~computer monitor display~~
apparatus; and

turning the display of the ~~computer monitor display~~
apparatus on when the insertion of the smart card is detected and information stored in the smart card is substantially the same as
information stored in the storage unit.

31. (CURRENTLY AMENDED) The computer-readable medium according to claim
30, the method further comprising deleting the information from the storage unit of the ~~computer~~
monitor display apparatus.

32. (NEW) The monitor of claim 18, wherein the monitor displays a warning using the
OSD region based upon the authentication result when the personal identification information
does not relate to an authenticated user, and

the display of the monitor turns off based upon the authentication result.